

## Mid-year Exam Information 2023 – Year 10

ENGLISH
<b>Description</b> Students will be assessed on an An Inspector Calls exam-style question, and a Language Paper 1 Section A (reading) set of questions.
<b>Topic list you need to revise:</b> Students should revise how to answer Language Paper 1 Questions 1-4, and re-read and revise An Inspector Calls. They may find the AQA website useful as it allows access to past papers - <a href="https://www.aqa.org.uk/subjects/english/gcse">https://www.aqa.org.uk/subjects/english/gcse</a> and also youtube channels such as Mr Bruff - <a href="https://www.youtube.com/@mrbruff">https://www.youtube.com/@mrbruff</a>

MATHS
<b>Description</b> Everything that has been studied in maths since September may be assessed. This will be a non-calculator assessment.
<b>Topic list you need to revise:</b> <ul style="list-style-type: none"><li>• Understand and manipulate exponents, including exponents with a negative base.<ul style="list-style-type: none"><li>• Add, subtract, multiply and divide negative numbers. (<a href="https://teachers.thenational.academy/units/positive-and-negative-numbers-6c53">https://teachers.thenational.academy/units/positive-and-negative-numbers-6c53</a>)</li></ul></li><li>• Area of rectangles, squares, parallelograms and triangles understanding perpendicular height. (<a href="https://teachers.thenational.academy/units/area-of-2-d-shapes-13b9">https://teachers.thenational.academy/units/area-of-2-d-shapes-13b9</a>)</li><li>• Finding factor and multiples of numbers. (<a href="https://teachers.thenational.academy/units/factors-and-multiples-18a4">https://teachers.thenational.academy/units/factors-and-multiples-18a4</a>)</li><li>• Find the Highest Common Factor, HCF, and Lowest Common Multiple, LCM, of a number. (<a href="https://teachers.thenational.academy/units/prime-factor-decomposition-9030">https://teachers.thenational.academy/units/prime-factor-decomposition-9030</a>)</li><li>• Know the first 10 prime numbers and be able to use divisibility tests to check if a number is prime.</li><li>• Find the prime factor decomposition of a number.</li><li>• Know the first 10 square and cube numbers.</li><li>• Find square and cube roots.</li><li>• Apply the correct order of operations when answering questions.</li></ul>
<b>Ms Webb's class only:</b> <ul style="list-style-type: none"><li>• Everything above and the following:</li><li>• Area of trapizia, understanding perpendicular height. (<a href="https://teachers.thenational.academy/units/area-and-perimeter-7857">https://teachers.thenational.academy/units/area-and-perimeter-7857</a>)</li><li>• Simplify algebraic expressions by collecting like terms. (<a href="https://teachers.thenational.academy/lessons/simplify-expressions-by-collecting-like-terms-cct68d">https://teachers.thenational.academy/lessons/simplify-expressions-by-collecting-like-terms-cct68d</a>)</li><li>• Evaluate algebraic expressions by substitution of a given value for a variable. (<a href="https://teachers.thenational.academy/lessons/substitute-a-positive-term-into-a-formula-cdgkge">https://teachers.thenational.academy/lessons/substitute-a-positive-term-into-a-formula-cdgkge</a>)</li><li>• Add, subtract, multiply and divide fractions. (<a href="https://teachers.thenational.academy/units/manipulating-and-calculating-with-fractions-7bfa">https://teachers.thenational.academy/units/manipulating-and-calculating-with-fractions-7bfa</a>)</li><li>• Identify arithmetic, geometric and quadratic sequences. (<a href="https://teachers.thenational.academy/units/linear-sequences-f0bf">https://teachers.thenational.academy/units/linear-sequences-f0bf</a>)</li><li>• Be able to find the nth term of arithmetic and quadratic sequences. (<a href="https://teachers.thenational.academy/units/quadratic-sequences-ce05">https://teachers.thenational.academy/units/quadratic-sequences-ce05</a>)</li></ul>

SCIENCE
<b>Description</b> Pupils will sit a 40 minute assessment. There will be a mixture of multiple choice and exam style questions.
<b>Topic list you need to revise:</b> <ul style="list-style-type: none"><li>• Pupils need to self quiz from their core questions sheet for topics: B1, B2, B3, B4 and B6.</li></ul>

<b>HISTORY</b>
<b>Description</b> Timeline, knowledge questions (mixture of multiple choice and short answer), exam questions (4 mark and 8 mark questions)
<b>Topic list you need to revise:</b> Power 1000-2014- see 100% book and Power booklet

<b>GEOGRAPHY</b>
<b>Description</b> Mock exam paper with 1,2,4,6 and 9 mark questions.
<b>Topic list you need to revise:</b> Entire topic of 'Challenge of Natural Hazards' including tectonic hazards, weather hazards, extreme weather in the UK, and climate change.

<b>ART</b>
<b>Description</b> Based on AQA assessment objectives for Art and Design: AO1: Develop – contextualising work through the study of an artist (Ian Murphy) AO2: Refine – Control of materials, techniques and processes AO3: Record – Quality of drawing (observation, ability to use 1/2 point perspective, control of formal elements) AO4: Present – Quality of sketchbook presentation and thoughtful annotation All the above assessed via sketchbook work  Mini assessment: Multiple choice/ single sentence answers based around key words in 100% Book One.
<b>Topic list you need to revise:</b> <ul style="list-style-type: none"> <li>• All key words in 100% Book One</li> </ul>

<b>PE</b>
<b>Description</b> GCSE PE - Multiple choice questions, short and long answers (no 9 marker)
<b>Topic list you need to revise:</b> <ul style="list-style-type: none"> <li>• GCSE PE - Health &amp; Fitness, diet, muscular system, skeletal system, respiratory and cardiovascular system</li> </ul>

There is no exam for Drama.